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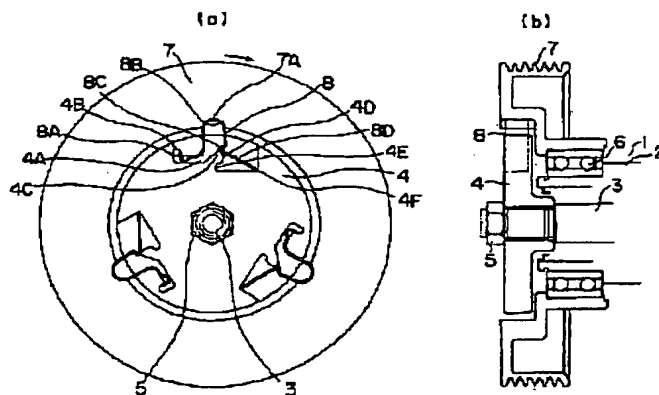
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APPLICANT : SANDEN CORP;

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TITLE : POWER TRANSMITTING MECHANISM



ABSTRACT : PROBLEM TO BE SOLVED: To provide a power transmitting mechanism with decreased number of part items, simplified structure, having a torque limiter function excellent in durability.

SOLUTION: When abnormality is generated in a compressor 1 and a boss 4 cannot rotate, turning force exceeding a preset value is applied to a power transmitting mechanism. Even when a pulley 7 rotates in a direction of arrow mark, power is not transmitted from the pulley 7 to the boss 4, since a U-shaped leaf spring 8 deforms. That is, an engaging groove 7A of the pulley 7 extrudes a fold back part 8B of the U-shaped leaf spring 8, so as to increase deflection of a retainer 8D, an interlock pawl 8C moves along a guide circular arc surface 4D in a recessed part 4A of the boss 4, to be engaged with a second lock groove 4E.

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